

## Kheralu Nagarpalika, Kheralu

**Name of Project :- Bid Documents for Construction work of Asphalt Road and R.C.C Road in Various Area, at.Kheralu Nagarpalika, under SJMMSVY (UDP-88) (Year 2024-25) (Savings Amount), Dist:- Mehsana (2nd Attempt)**

### SCHEDULE - ABSTRACT

Sr. No.	Description	Estimated Cost	Tender Cost
B1	Asphalt Road from Khadiya Road to Khari Kui Taraf, At.Kheralu	2690294.00	
B2	Asphalt Road from Khokharvada Sangh to Khadiya Taraf, At.Kheralu	1324716.00	
B3	Asphalt Road from Vrundawan Char Rasta Left Side Road, At.Kheralu	3304468.00	
B4	Asphalt Road from Vrundawan Char Rasta Right Side Road, At.Kheralu	3304468.00	
B5	R.C.C. Road from Thakorvas to GEB Taraf, At.Kheralu	2236477.00	
<b>TOTAL COST</b>		<b>12860423.00</b>	
<b>SAY TOTAL COST</b>		<b>12860423.00</b>	

I/We am/are willing to carry out the work at... % above/below percent(Should be written in figures and words) of the estimated rate mentioned above. Amount of my/our tender works out as under Estimated amount put to tender Estimated amount put to tender Deduct.....% below Add.....% Above

Net Net.....

In words In words.....

The 18% GST will be Paid Separately for the tender rate shown in the Schedule B

The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In- Charge for which no extra payment shall be made.

The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.

GST and Income tax TDS will be deducted at a source while making payments of bills

**Signature of Contractor**

**Signature of Chief Officer**

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Name of Work : Asphalt Road from Khadiya Road to Khari Kui Taraf, At.Kheralu

### SCHEDULE-"B1"

Sr. No.	Item	Qty.	Rate	Per	Amount
1	Scarifying gravelled macadam or bitumen macadam surface 6 cm to 10 cm.depth including stacking useful materials on road side and disposing off remaining stuff.	2887.50	41.60	Sq.Mt	120120.00
2	Carting of debris, ruff kota stone, earth or any wastage material on site including loading, unloaing within municipality area as directed by engineer in charge (a) 3.00 km	2887.50	75.75	Sq.Mt	218728.13
3	Providing and laying Builtup spray grout base 37.50 mm thick (Average) layer with Asphalt 60/70 for tack coat at the rate of 2.5 kg./10 Sqm. With mehanical sprayer on B.T. surface and using B.T. stone aggregates as per required gradation with the asphalt of 60/70 grade at the rate of 1.99% i.e.19.90 Kg./M.T. by weight by mix including heating and mixing in drum mix plant, transporting the mix spreading the same by sensor paver finishor and conslidation by vibrator roller MORTH specification including cost of all materials, fuel labours, tools and plant etc. using contractor won drum mix plant etc. complete.	217.00	2594.69	MT	563047.73
4	Providing and laying bituminous 50.00mm thick Bitumen macadam with asphalt 60/70 for tack coat @ 2.5 kg./10 Smt. in one or two layers considering 0.66 cum. per M.T. mix materials with machine crused stone aggregates and Asphalt grade VG-30 {60/70} for mixing @ 34.00 Kg./M.T. i.e. 3.4% by total weight of the mix and including heating the aggregates and asphalt by continuous batching of drum mix plant and spreading the same by paver finisher and consolidation with vibratory roller 80 to 100 KN static weight including providing all materials, equipments, tools and plant, oil, kerosene, firewood, labour charges etc. comp. using contractor's own machineries, drum mix plant and paver finisher etc. complete.	318.00	3016.87	MT	959364.66
5	Providing & laying 20mm thick Mix Seal Surfacing using stone chipping & aggregate as per M.O.T.&H. specification & asphalt grade VG-30 60/70 for mixing at the rate of 50.90 Kg./M.T i.e.5.09% of total weight of mix including heating the aggregate & asphalt in continuous batching drum mix plant & spreading the same by paver finisher & consolidation with vibratory roller & flushing sand @ 0.30 Cum/100 Smt. including providing all materials wquipments, tools & plants, fire wood, oil, kerosene, labour charges etc. complete using constractors own machinery drum mix plant & paver finisher etc. complete.	133.00	4106.66	MT	546185.78
6	Providing & Applying Ashphalt pinting by spraying asphalt 80 / 100 grade of 5.00 kg / 10 smt. & than spreading sand at a rate 0.03 cmt / 10 smt. Including preparing surface heating asphalt etc. complete as directed	2887.50	70.70	Sq.Mt	204146.25

7	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beds as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide liminance coefficinet on cemend road shall be min 130mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years.	112.00	367.72	Sq.Mt	41184.64
8	Cat Eye / Road Stud / RPM: Supplying Raised Pavement Markers made of polycarbonate and ABS moulded body and reflective panels with Micro prismatic lens (No Glass bead lens) capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kgs. tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 & DO III Dt 11.06. 1997. The height, width and length shall not exceed 20 mm, 130 mm and 130 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The body of the marker should having finger grip for easy and accurate placement and application with epoxy / bituminous Adhesive as recommended by the manufacturer of the marker. The color of the marker should be as per the IRC 35-2015 and as directed by Engineer-in-charge.	115.00	326.23	Each	37516.45
			<b>Total</b>		<b>2690293.64</b>
			<b>Say Total</b>		<b>2690294.00</b>

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Name of Work : Asphalt Road from Khokharvada Sangh to Khadiya Taraf, At.Kheralu

### SCHEDULE-"B2"

Sr. No.	Item	Qty.	Rate	Per	Amount
1	Scarifying gravelled macadam or bitumen macadam surface 6 cm to 10 cm.depth including stacking useful materials on road side and disposing off remaining stuff.	1430.00	41.60	Sq.Mt	59488.00
2	Carting of debris, ruff kota stone, earth or any wastage material on site including loading, unloaing within municipality area as directed by engineer in charge (a) 3.00 km	1430.00	75.75	Sq.Mt	108322.50
3	Providing and laying Builtup spray grout base 37.50 mm thick (Average) layer with Asphalt 60/70 for tack coat at the rate of 2.5 kg./10 Sqm. With mehanical sprayer on B.T. surface and using B.T. stone aggregates as per required gradation with the asphalt of 60/70 grade at the rate of 1.99% i.e.19.90 Kg./M.T. by weight by mix including heating and mixing in drum mix plant, transporting the mix spreading the same by sensor paver finishor and conslidation by vibrator roller MORTH specification including cost of all materials, fuel labours, tools and plant etc. using contractor won drum mix plant etc. complete.	108.00	2594.69	MT	280226.52
4	Providing and laying bituminous 50.00mm thick Bitumen macadam with asphalt 60/70 for tack coat @ 2.5 kg./10 Smt. in one or two layers considering 0.66 cum. per M.T. mix materials with machine crused stone aggregates and Asphalt grade VG-30 {60/70} for mixing @ 34.00 Kg./M.T. i.e. 3.4% by total weight of the mix and including heating the aggregates and asphalt by continuous batching of drum mix plant and spreading the same by paver finisher and consolidation with vibratory roller 80 to 100 KN static weight including providing all materials, equipments, tools and plant, oil, kerosene, firewood, labour charges etc. comp. using contractor's own machineries, drum mix plant and paver finisher etc. complete.	158.00	3016.87	MT	476665.46
5	Providing & laying 20mm thick Mix Seal Surfacing using stone chipping & aggregate as per M.O.T.&H. specification & asphalt grade VG-30 60/70 for mixing at the rate of 50.90 Kg./M.T i.e.5.09% of total weight of mix including heating the aggregate & asphalt in continuous batching drum mix plant & spreading the same by paver finisher & consolidation with vibratory roller & flushing sand @ 0.30 Cum/100 Smt. including providing all materials wquipments, tools & plants, fire wood, oil, kerosene, labour charges etc. complete using constructors own machinery drum mix plant & paver finisher etc. complete.	66.00	4106.66	MT	271039.56
6	Providing & Applying Ashphalt pinting by spraying asphalt 80 / 100 grade of 5.00 kg / 10 smt. & than spreading sand at a rate 0.03 cmt / 10 smt. Including preparing surface heating asphalt etc. complete as directed	1430.00	70.70	Sq.Mt	101101.00

7	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beds as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide liminance coefficinet on cemend road shall be min 130mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years.	41.20	367.72	Sq.Mt	15150.06
8	Cat Eye / Road Stud / RPM: Supplying Raised Pavement Markers made of polycarbonate and ABS moulded body and reflective panels with Micro prismatic lens (No Glass bead lens) capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kgs. tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 D DO III Dt 11.06. 1997. The height, width and length shall not exceed 20 mm, 130 mm and 130 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The body of the marker should having finger grip for easy and accurate placement and application with epoxy / bituminous Adhesive as recommended by the manufacturer of the marker. The color of the marker should be as per the IRC 35-2015 and as directed by Engineer-in-charge.	39.00	326.23	Each	12722.97
				<b>Total</b>	<b>1324716.07</b>
				<b>Say Total</b>	<b>1324716.00</b>

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Name of Work : Asphalt Road from Vrundawan Char Rasta Left Side Road, At.Kheralu

### SCHEDULE-"B3"

Sr. No.	Item	Qty.	Rate	Per	Amount
1	Scarifying gravelled macadam or bitumen macadam surface 6 cm to 10 cm.depth including stacking useful materials on road side and disposing off remaining stuff.	3510.00	41.60	Sq.Mt	146016.00
2	Carting of debris, ruff kota stone, earth or any wastage material on site including loading, unloaing within municipality area as directed by engineer in charge (a) 3.00 km	3510.00	75.75	Sq.Mt	265882.50
3	Providing and laying Builtup spray grout base 37.50 mm thick (Average) layer with Asphalt 60/70 for tack coat at the rate of 2.5 kg./10 Sqm. With mehanical sprayer on B.T. surface and using B.T. stone aggregates as per required gradation with the asphalt of 60/70 grade at the rate of 1.99% i.e.19.90 Kg./M.T. by weight by mix including heating and mixing in drum mix plant, transporting the mix spreading the same by sensor paver finishor and conslidation by vibrator roller MORTH specification including cost of all materials, fuel labours, tools and plant etc. using contractor won drum mix plant etc. complete.	264.00	2594.69	MT	684998.16
4	Providing and laying bituminous 50.00mm thick Bitumen macadam with asphalt 60/70 for tack coat @ 2.5 kg./10 Smt. in one or two layers considering 0.66 cum. per M.T. mix materials with machine crused stone aggregates and Asphalt grade VG-30 {60/70} for mixing @ 34.00 Kg./M.T. i.e. 3.4% by total weight of the mix and including heating the aggregates and asphalt by continuous batching of drum mix plant and spreading the same by paver finisher and consolidation with vibratory roller 80 to 100 KN static weight including providing all materials, equipments, tools and plant, oil, kerosene, firewood, labour charges etc. comp. using contractor's own machineries, drum mix plant and paver finisher etc. complete.	387.00	3016.87	MT	1167528.69
5	Providing & laying 20mm thick Mix Seal Surfacing using stone chipping & aggregate as per M.O.T.&H. specification & asphalt grade VG-30 60/70 for mixing at the rate of 50.90 Kg./M.T i.e.5.09% of total weight of mix including heating the aggregate & asphalt in continuous batching drum mix plant & spreading the same by paver finisher & consolidation with vibratory roller & flushing sand @ 0.30 Cum/100 Smt. including providing all materials wquipments, tools & plants, fire wood, oil, kerosene, labour charges etc. complete using constractors own machinery drum mix plant & paver finisher etc. complete.	162.00	4106.66	MT	665278.92
6	Providing & Applying Ashphalt pinting by spraying asphalt 80 / 100 grade of 5.00 kg / 10 smt. & than spreading sand at a rate 0.03 cmt / 10 smt. Including preparing surface heating asphalt etc. complete as directed	3510.00	70.70	Sq.Mt	248157.00

7	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beds as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide liminance coefficinet on cemend road shall be min 130mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years.	185.50	367.72	Sq.Mt	68212.06
8	Cat Eye / Road Stud / RPM: Supplying Raised Pavement Markers made of polycarbonate and ABS moulded body and reflective panels with Micro prismatic lens (No Glass bead lens) capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kgs. tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 D DO III Dt 11.06. 1997. The height, width and length shall not exceed 20 mm, 130 mm and 130 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The body of the marker should having finger grip for easy and accurate placement and application with epoxy / bituminous Adhesive as recommended by the manufacturer of the marker. The color of the marker should be as per the IRC 35-2015 and as directed by Engineer-in-charge.	179.00	326.23	Each	58395.17
				<b>Total</b>	<b>3304468.50</b>
				<b>Say Total</b>	<b>3304468.00</b>

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Name of Work : Asphalt Road from Vrundawan Char Rasta Right Side Road, At.Kheralu

### SCHEDULE-"B4"

Sr. No.	Item	Qty.	Rate	Per	Amount
1	Scarifying gravelled macadam or bitumen macadam surface 6 cm to 10 cm.depth including stacking useful materials on road side and disposing off remaining stuff.	3510.00	41.60	Sq.Mt	146016.00
2	Carting of debris, ruff kota stone, earth or any wastage material on site including loading, unloaing within municipality area as directed by engineer in charge (a) 3.00 km	3510.00	75.75	Sq.Mt	265882.50
3	Providing and laying Builtup spray grout base 37.50 mm thick (Average) layer with Asphalt 60/70 for tack coat at the rate of 2.5 kg./10 Sqm. With mehanical sprayer on B.T. surface and using B.T. stone aggregates as per required gradation with the asphalt of 60/70 grade at the rate of 1.99% i.e.19.90 Kg./M.T. by weight by mix including heating and mixing in drum mix plant, transporting the mix spreading the same by sensor paver finishor and conslidation by vibrator roller MORTH specification including cost of all materials, fuel labours, tools and plant etc. using contractor won drum mix plant etc. complete.	264.00	2594.69	MT	684998.16
4	Providing and laying bituminous 50.00mm thick Bitumen macadam with asphalt 60/70 for tack coat @ 2.5 kg./10 Smt. in one or two layers considering 0.66 cum. per M.T. mix materials with machine crused stone aggregates and Asphalt grade VG-30 {60/70} for mixing @ 34.00 Kg./M.T. i.e. 3.4% by total weight of the mix and including heating the aggregates and asphalt by continuous batching of drum mix plant and spreading the same by paver finisher and consolidation with vibratory roller 80 to 100 KN static weight including providing all materials, equipments, tools and plant, oil, kerosene, firewood, labour charges etc. comp. using contractor's own machineries, drum mix plant and paver finisher etc. complete.	387.00	3016.87	MT	1167528.69
5	Providing & laying 20mm thick Mix Seal Surfacing using stone chipping & aggregate as per M.O.T.&H. specification & asphalt grade VG-30 60/70 for mixing at the rate of 50.90 Kg./M.T i.e.5.09% of total weight of mix including heating the aggregate & asphalt in continuous batching drum mix plant & spreading the same by paver finisher & consolidation with vibratory roller & flushing sand @ 0.30 Cum/100 Smt. including providing all materials wquipments, tools & plants, fire wood, oil, kerosene, labour charges etc. complete using constructors own machinery drum mix plant & paver finisher etc. complete.	162.00	4106.66	MT	665278.92
6	Providing & Applying Ashphalt pinting by spraying asphalt 80 / 100 grade of 5.00 kg / 10 smt. & than spreading sand at a rate 0.03 cmt / 10 smt. Including preparing surface heating asphalt etc. complete as directed	3510.00	70.70	Sq.Mt	248157.00

7	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beds as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide liminance coefficinet on cemend road shall be min 130mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years.	185.50	367.72	Sq.Mt	68212.06
8	Cat Eye / Road Stud / RPM: Supplying Raised Pavement Markers made of polycarbonate and ABS moulded body and reflective panels with Micro prismatic lens (No Glass bead lens) capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kgs. tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 D DO III Dt 11.06. 1997. The height, width and length shall not exceed 20 mm, 130 mm and 130 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The body of the marker should having finger grip for easy and accurate placement and application with epoxy / bituminous Adhesive as recommended by the manufacturer of the marker. The color of the marker should be as per the IRC 35-2015 and as directed by Engineer-in-charge.	179.00	326.23	Each	58395.17
				<b>Total</b>	<b>3304468.50</b>
				<b>Say Total</b>	<b>3304468.00</b>

## Kheralu Nagarpalika, Kheralu

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Name of Work : R.C.C. Road from Thakorvas to GEB Taraf, At.Kheralu

### SCHEDULE-"B5"

Sr. No.	Item	Qty.	Rate	Per	Amount
1	Demolition and disposal of unserviceable materials with all lead and lift. (i) Lime concrete.	252.00	622.36	Cu.mt	156834.72
2	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	252.00	109.05	Cu.mt	27480.60
3	Carting of debris, ruff kota stone, earth or any wastage material on site including loading, unloaing within municipality area as directed by engineer in charge (a) 3.00 km	504.00	75.75	Cu.mt	38178.00
4	Providing and laying compacted W.B.M. 150mm thick of machine crushed B.T.metal of size 45mm to 63mm with using 20% stone screenings as filler grit and stone dust including spreading, wateriang & consolidation by vibratory roller etc. complete.	126.00	1467.53	Cu.mt	184908.78
5	Providing, laying, spreading and compacting graded machine crushed black stone aggregates to Wet Mix Macadam (WMM) in layers including premixing the material with water to OMC in mechanically mix (Pug-mill) carriage of mix material by tipper to site, laying	126.00	903.95	Cu.mt	113897.70
6	Providing and laying cement concrete 1:3:6 (1-Cement : 3-coarse sand : 6- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	126.00	2968.91	Cu.mt	374082.66
7	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete.	189.00	4183.15	Cu.mt	790615.35
8	Providing Pre-moulded asphalt filler joints as per drawings.(A) 12mm	50.40	703.53	Sq.Mt	35457.91
9	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	3150.00	77.29	Kg.	243463.50
10	Labour charges for concreting with vacume dewatering technique (Trimix or equivalent type) including loding, unloading, carting, compaining complete with "C" channels as per requirement and labour charges and providing & laying floor hardener chmical as per standard approved company as directed by engineer-in-charge	1260.00	202.00	Sq.Mt	254520.00
11	Renovation of manhole by increasing the height at top including cost of excavation, refitting of C.I. manhole frame and cover curing etc. complete incl. all carting and providing of materials which is required for the purpose (except manhole frame and cover) For all type manhole by providing R.C.C. 1:2:4 Partition walls with required reinforcement 25cm thick and circular opening with 500mm clear dia and 0.40 mt. av. ht.	5.00	3407.74	Cu.mt	17038.70
			<b>Total</b>		<b>2236477.92</b>
			<b>Say Total</b>		<b>2236477.00</b>